BRUHATH BANGALORE MAHANAGARA PALIKE, DASRAHALLI ZONE
Office Of The Executive Engineer, Dasarahalli Division

MODIFIED SCHEDULE-B

NAME OF THE WORK: Improvements of roads in ward no 13 Shettyhalli Sub Division.

Sl No	Description Of Work	Unit	Qty	Rate To Be Sanctioned	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
1	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications	Sqm	513.60	99.12	Rupees Ninety Nine And Paise Twelve Only
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil invoiving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification	Cum	749.76	215.70	Rupees Two Hundred Fifteen And Paise Seventy Only
3	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications	Cum	0.00	225.55	Rupees Two Hundred Twenty Five And Paise Fifty Five Only
4	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications	Sqm	1630.80	6.61	Rupees Six And Paise Sixty One Only
5	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications	Cum	167.58	5724.19	Rupees Five Thousand Seven Hundred Twenty Four And Paise Nineteen Only
6	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per specifications	Cum	123.12	2079.33	Rupees Two Thousand Seventy Nine And Paise Thirty Three Only

For R G CONSTRUCTIONS
Signature of the Contractor
Proprietor

Executive Engineer
Dasarahalli Division

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Sl No	Description Of Work	Unit	Qty	Rate To Be Sanctioned	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
7	Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant,	Cum	276.55	5562.83	Rupees Five Thousand Five Hundred Sixty Two And Paise Eighty Three Only
8	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. **Quantity Upto 125%**	Sqm	495.00	27.53	Rupees Twenty Seven And Paise Fifty Three Only
	Quantity Above 125%	Sqm	18.60	35.24	Rupees Thirty Five And Paise Twenty Four Only
9	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision **Quantity Upto 125%**	Cum	24.75	5950.54	Rupees Five Thousand Nine Hundred Fifty And Paise Fifty Four Only
	Quantity Above 125%	Cum	0.93	7577.22	Rupees Seven Thousand Five Hundred Seventy Seven And Paise Twenty Two Only

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Sl No	Description Of Work	Unit	Qty	Rate To Be Sanctioned	
				In Figures (Rs)	In Words (Rs)
1	2	3	4	5	6
10	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM complete as per specifications	Sqm	1106.10	5.51	Rupees Five And Paise Fifty One Only
11	Providing and applying tack coat using 80/100 grade bitumen(VG10) in boiler fitted with spray set distributor at the rate of 0.25 kg per sqm on the existing prepared bituminous surface (primed surface) cleaned with mechanical broom. complete as per specifications	Sqm	1106.10	13.22	Rupees Thirteen And Paise Twenty Two Only
12	Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen	Cum	33.18	7025.45	Rupees Seven Thousand Twenty Five And Paise Forty Five Only
13	Providing and fixing Precast RCC cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforement and pointing for joints 1:3 cement mortor including form work, lift charges, curing and concrete finished surface on both sides etc, and complete as per the directions of Engineer in Charges	Sqm	180.00	1677.99	Rupees Eighty Three And Paise Twelve Only
14	Loading and Unloading of Stone Boulder / Stone aggregates /Sand/ Kanker / Moorum. KSRRB M100-1 : Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications	Cum	33.79	83.12	Rupees Eighty Three And Paise Twelve Only
15	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 Case-I : Surface Road	Cum	33.79	26.60	Rupees Twenty Six And Paise Sixty Only

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